

BRIDGE WITH HORSESHOE PEDESTRIAN RAMP AND STAIR

TGSI WARNING INDICATORS

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FIGURE 0020-A

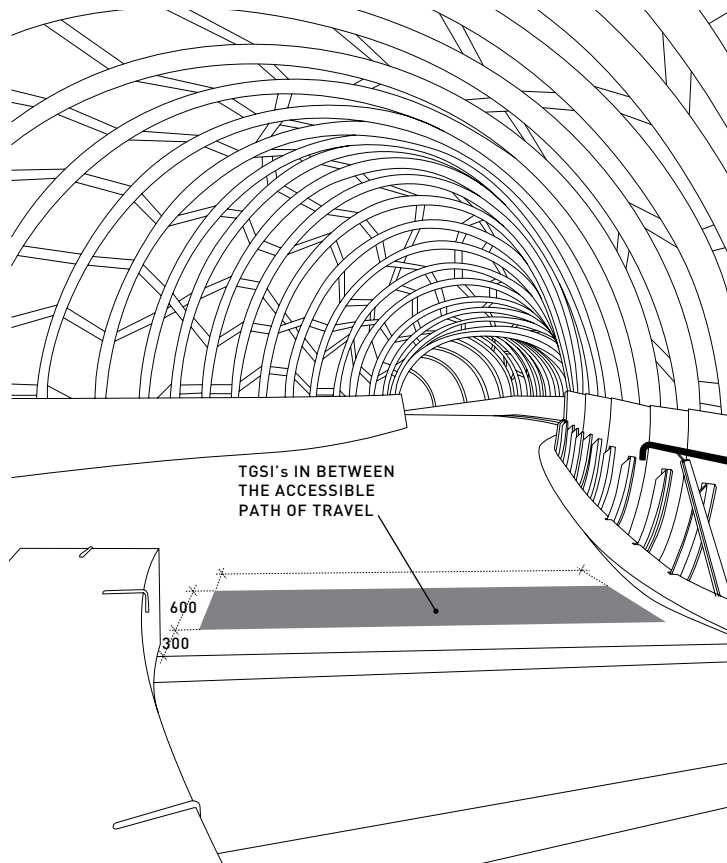
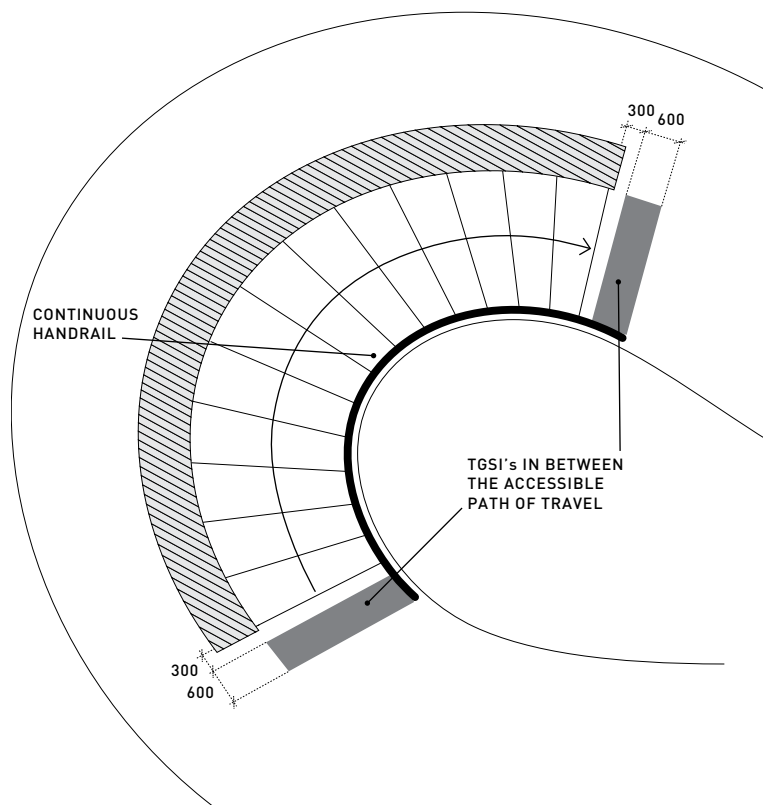


FIGURE 0020-B



DTAC 0020
LAYOUT DIAGRAM
TACTILE GROUND
SURFACE INDICATORS
(TGSI)-WARNING
VERSION 02
PUBLISHED 27.05.1

DTAC

DTAC 0020 LAYOUT DIAGRAM

DETAILS

Installation Notes:
TGSI Warning Indicators installed on a bridge with horseshoe pedestrian ramp and stair.

PROJECT

Web Dock bridge

This pedestrian bridge is accessible by both walkers and cyclists. As such there is both a ramp and stair to accommodate able and non-able bodied persons.

TGSI's have been installed at the top and bottom of the horseshoe style stair but have been omitted from the ramp. This is because the ramp is greater than a 1 in 14 gradient rise.

When a ramp gradient is less than a 1 in 14 gradient rise (shallow incline) TGSI's must be used as it is considered that a visually impaired person cannot sense the change in gradient. However, when a ramp has a gradient greater than 1 in 14 (steep incline) TGSI's are not required because the change in grade is considered to be substantial enough to be detected by the visually impaired underfoot or by cane.

INSTALLATION

TGSI's (Warning)

NOTES

Layout of discrete warning TGSI's
Drawings in millimetres
Drawings not to scale unless noted

LEGEND

- Area requiring TGSI installation
- Installed handrail
- ← Upward gradient along path of travel
- /// Solid wall

DISCLAIMER

No one should act or rely upon the information contained within this document without first referring to the current AS/NZS 1428.1 (2009)—Design for Access and Mobility (Part 1: General Requirements for Access—New Building Work) and the current AS/NZS 1428.4.1 (2009)—Means to Assist the Orientation of People with Vision Impairment (Tactile Ground Surface Indicators), satisfying themselves that any proposed installations are in accordance with such standards or other applicable building regulations, including the National Construction Code (NCC) (effective from 01.05.11)—previously referred to as the Building Code of Australia (BCA)—and in particular the 'deemed-to-satisfy-provisions' of the NCC and Disability (Access to Premises—Buildings) standards, as they apply from one situation to another. Furthermore, the information provided is solely for the purposes of TGSI's and is not related to the design, configuration or formation to stairs, handrails, ramps, accessible paths and 'way-finding' depicted therein.

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DTAC PTY LTD

PO BOX 5059
SOUTH MELBOURNE VIC 3205
AUSTRALIA
T 1300 793 478
F 1300 780 628
SOLUTIONS@DTAC.COM.AU
WWW.DTAC.COM.AU